**Deployment Manual**

**Project Name: Paper Labz**

**Team Members:**

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**1.GitHub Details:**

**GitHub link:** <https://github.com/AnuradhaGP/BookManagementSystem>

In GitHub,

Book-management – front-end

BookManagementApp – back-end

**2. Passwords Used:**

**a. h2 Database:**

* Username= sa
* Password= password

**b. Application Default Login Credentials:**

* Username= admin
* Password= password

**3.Port Numbers used in Application:**

* Spring Boot Application Tomcat Server Port Number=3000
* Angular Application Port Number = 4200

**4. Angular Application Main Application Run Link:**

· Link = [http://localhost:4200](http://localhost:4200/)

**5. Steps ToAdd Project in local work Space from GitHub Using**

**GitBash:**

1. Download git

2. Create Folder in workspace

3. Open git bash(right click and select git bash) in the folder

4. Copy Link of GitHub Code then in Git Bash use git clone and paste the link

$ git clonehttps://github.com/AnuradhaGP/BookManagementSystem

5. Open Eclipse

6. Open Folder Path of cloned GitHub Java Project

Go to File Menu Choose “Open project from File System”

From there and choose the project folder (book-management)

7. Press Next and Finish Importing Book Management project on eclipse

8. Go to src/main/java/com.team3.bookmanagement and open the Main Class - BookManagementApplication.java

9. Right click and Run As “Java Application”

**6.Data Base:**

1. We have used h2 Databases

2. Then we can use tables book and users.

**6.1. Create tables:**

**Text

Description automatically generatedBook Table:**

Graphical user interface, text

Description automatically generated**Users Table:**

**7.Steps for UI:**

1. First, we download

2. Download and install Node.js (including NPM) in windows system

<https://nodejs.org/en/download/>

3. Go to Command Prompt or open cmd terminal on VSCode.

4. Command to check the Node.js version installed in system: node -v

5. Install the Angular CLI: npm install -g @angular/cli

6. Command to check Angular version installed in your system:ng–version

7. Change directory to your application (BookManagementApp)

8. Compile and Run the Angular App: ng serve

9. Open browser and access the Application using the below URL:

<http://localhost:4200/>

**8.Project Testing / Access:**

1. Open URL :[**http://localhost:4200/**](http://localhost:4200/) from browser

2. To login into the application use Default Login Username and Default Login Password.

3. Once you successfully log into the application, you can use the below application functionalities:

1. Add a new book.
2. Search a book.
3. Update information of a specific existing book.
4. Delete a book.